**Planets Beyond the Sun**

Sketch the light readings you observed for each experiment in the following boxes. Label the Y-axis with the scale shown for your readings.

**Measurement 1**

Observer’s distance from star:

Size of planet:

Planet’s distance from star:

|  |
| --- |
|  |

**Measurement 2**

Observer’s distance from star:

Size of planet:

Planet’s distance from star:

|  |
| --- |
|  |

**Measurement 3**

Observer’s distance from star:

Size of planet:

Planet’s distance from star:

|  |
| --- |
|  |

**Measurement 4**

Observer’s distance from star:

Size of planet:

Planet’s distance from star:

|  |
| --- |
|  |

**Follow-up questions:**

What does a “Transit” of a planet mean?

What are the limits of this method in finding planets?

Brainstorm ideas how we could use this data to determine things like planet size, length of planet’s orbit, etc.